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Craig Ogg

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FULBRIGHT & JAWORSKI L.L.P
2200 ROSS AVENUE
SUITE 2800
DALLAS, TX 75201-2784

EXAMINER

ROBINSON BOYCE, AKIBA K

ART UNIT

PAPER NUMBER

3628

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DELIVERY MODE

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PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/679,861	Applicant(s) OGG, CRAIG	
	Examiner AKIBA K. ROBINSON BOYCE	Art Unit 3628	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 31 March 2009.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-13, 15-22 and 29-38 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-13, 15-22 and 29-38 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Status of Claims

1. Due to communications filed 3/31/09, the following is a non-final office action. Claims 1-13, 15-22 and 29-38 are pending in this application and have been examined on the merits. The previous rejection has been withdrawn, and claims 1-13, 15-22 and 29-38 are rejected as follows..

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-5, 7-11, 13, and 29-37 are rejected under 35 U.S.C. 103(a) as being unpatentable over Liechti et al., U.S. Patent No. 5,715,164 in view of Bator et al, (US 2005/0192912 A1).

As per claim 1, Liechti teaches a postage evidencing meter comprising:
an authorization database having an entry, wherein the entry is associated with a user, and the entry includes at least one parameter (Liechti: Fig. 2, "220", "230", and "240"; col. 3, lines 61-66; col. 5, lines 5-44), wherein the parameter limits an ability of the associated user to evidence postage using the meter (Liechti: col. 3, lines 61-66; col. 5, lines 5-44);

a processor operable to access said authorization database and limit the user's ability to evidence postage using the meter in accordance with the parameter of the entry associated with the user, (Liechti: Fig. 1, "103"; Fig. 2, "201"; col. 3, lines 46-67; col. 5, lines 5-9 and 22-65);

Liechti does not explicitly teach storing a plurality of entries, wherein each entry is associated with a user of the plurality of users.

Bator et al teaches a metering system when the database records in Data Center 30 include one or more meter accounts licensed to the vendor where the vendor meter account(s) is (are) used by customers to obtain postage payment evidencing as shown in [0029]. Bator et al also shows that vendor obtains at least one meter license for an online meter account where the meter account is licensed to process transactions for a plurality of origin zip codes, where a customer initializes a personal account preferably by completing a request for a meter license that heretofore must be approved before customer could download postage, and the vendor "loans" the use of the meter to the customer by processing the customer's requested transaction using the vendor meter account as shown in [0032]. It therefore would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Liechti and Bator et al to disclose storing a plurality of entries, wherein each entry is associated with a user of the plurality of users.

It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to disclose storing a plurality of entries, wherein each entry is associated with a user of the plurality of users for the advantage of providing a flexible postage metering system that can process mail for a plurality of customers. Moreover, it would have been obvious to one of ordinary skill in the art to include in the postage system of Liechti the ability to store a plurality of entries, wherein each entry is associated with a user of the plurality of users as taught by Bator et al since the claimed invention is merely a combination of old elements, and in the combination each element merely would have performed the same function as it did separately, and one of ordinary skill in the art would have recognized that the results of the combination were predictable.

As per claim 2, Liechti in view of Bator et al teaches the postage evidencing meter of claim 1 as described above. Liechti further teaches the parameter includes a maximum postage amount that a user is allowed to use on the meter to evidence postage (Liechti: col. 5, lines 5-9, "postage amount limit").

As per claim 3, Liechti in view of Bator et al teaches the postage evidencing meter of claim 1 as described above. Liechti further teaches the parameter includes a period of time during which a user is allowed to use the meter to evidence postage (Liechti: col. 5,

Art Unit: 3628

lines 5-9 and 33-55).

As per claim 4, Liechti in view of Bator et al teaches the postage evidencing meter of claim 1 as described above. Liechti further teaches the parameter includes: a maximum postage amount that a user is allowed to use on the meter to evidence postage over a selected period of time (Liechti: col. 5, lines 5-9 and 33-55).

As per claim 5, Liechti in view of Bator et al teaches the postage evidencing meter of claim 1 as described above. Liechti further teaches the postage evidencing meter further comprising: a user interface (Liechti: Figure 2, "207" and "215"; col. 4, lines 4-10); a printer (Liechti: Figure 2, "250"; col. 4, lines 12-15); and a security module (Liechti: Figure 2, "250"; col. 4, lines 15-17).

As per claim 7, Liechti in view of Bator et al teaches the postage evidencing meter of claim 1 as described above. Liechti further teaches the authorization database is coupled to the meter via a communication link to a remote postage information system (Liechti: Fig. 1; col. 5, lines 5-9 - The Examiner interprets data center 15 to be the remote postage information system.).

As per claim 8, Liechti teaches a system for controlling postage usage, comprising: at least one postage evidencing meter comprising a processor, and a communication module for providing a communication link between the postage evidencing meter and a

Art Unit: 3628

postage information system (Liechti: Figures 1-2; col. 3, lines 46-67 - The Examiner interprets internal modem 205 to be the communication module and data center 15 to be a postage information system.);

wherein the postage information system includes a database for storing at least one postage usage parameter for a user of the meter (Liechti: Fig. 2, "220", "230", and "240"; col. 3, lines 61-66; col. 5, lines 5-44),

wherein the parameter for the user limits an ability of the user associated with said parameter to evidence postage using the meter (Liechti: col. 3, lines 61-66; col. 5, lines 5-44); and

wherein the processor is operable to access said database through said communication module to limit the ability of a user to evidence postage in accordance with the associated parameter (Liechti: Fig. 1, "103"; Fig. 2, "201"; col. col. 3, lines 46-67; col. 5, lines 5-9 and 22- 65).

Liechti does not teach separately storing information for each user of a plurality of users.

Bator et al teaches a metering system when the database records in Data Center 30 include one or more meter accounts licensed to the vendor where the vendor meter

Art Unit: 3628

account(s) is (are) used by customers to obtain postage payment evidencing as shown in [0029]. Bator et al also shows that vendor obtains at least one meter license for an online meter account where the meter account is licensed to process transactions for a plurality of origin zip codes, where a customer initializes a personal account preferably by completing a request for a meter license that heretofore must be approved before customer could download postage, and the vendor "loans" the use of the meter to the customer by processing the customer's requested transaction using the vendor meter account as shown in [0032]. It therefore would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Liechti and Bator et al to disclose storing a plurality of entries, wherein each entry is associated with a user of the plurality of users.

It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to disclose storing a plurality of entries, wherein each entry is associated with a user of the plurality of users for the advantage of providing a flexible postage metering system that can process mail for a plurality of customers. Moreover, it would have been obvious to one of ordinary skill in the art to include in the postage system of Liechti the ability to store a plurality of entries, wherein each entry is associated with a user of the plurality of users as taught by Bator et al since the claimed invention is merely a combination of old elements, and in the combination each element merely would have performed the same function as it did separately, and one of

Art Unit: 3628

ordinary skill in the art would have recognized that the results of the combination were predictable.

As per claim 9, Liechti in view of Bator et al teaches the system of claim 8 as described above. Liechti further teaches the parameter includes a maximum postage amount that a user is allowed to use on the meter to evidence postage (Liechti: col. 5, lines 5-9, "postage amount limit").

As per claim 10, Liechti in view of Bator et al teaches the system of claim 8 as described above. Liechti further teaches the parameter includes a period of time during which a user is allowed to use the meter to evidence postage (Liechti: col. 5, lines 5-9 and 33-55).

As per claim 11, Liechti in view of Bator et al teaches the system of claim 8 as described above. Liechti further teaches the parameters include: a maximum postage amount that a selected user is allowed to use on the meter to evidence postage during a selected period of time (Liechti: col. 5, lines 5-9 and 33-55).

As per claim 13, Liechti in view of Bator et al teaches the system of claim 8 as described above. Liechti further teaches the communications link is a wireline link (Liechti: col. 3, lines 50-52).

As per claim 29, Liechti teaches a method for controlling postage usage comprising:
storing at least one postage usage parameter for a user in a postage usage database
(Liechti: Figure 2, "220", "230", and "240"; col. 3, lines 61-66; col. 5, lines 5-9), wherein
said postage usage parameters establish postage evidencing limits for the user (Liechti:
col. 3, lines 61-66; col. 5, lines 5-9);

receiving a request to evidence postage from a user of said plurality of users (Liechti:
col. 7, lines 2-4; col. 12, lines 22-24; col. 13, lines 21-24 - The creation of a user
account with postal funds is a request received to evidence postage from a selected
user.);

(a) determining, based on the requesting user's postage usage parameter, if sufficient
postage is available to fulfill the request for the requesting user (Liechti: col. 5, lines 22-
27; col. 7, lines 1-4 and 14-18; The step of terminating the meter's ability to evidence
postage when the ascending register reaches the postage amount limit implies that
there is a step of determining whether there is sufficient postage to fulfill the request for
the selected user. For example, when the postage limit is reached, it is determined that
the user does not have sufficient postage available to fulfill a request.);

(b) determining if sufficient postage is available from an available postage balance of a
postage meter used for evidencing postage to fulfill the request for the requesting user
(Liechti: col. 5, lines 22-27; col. 7, lines 1-4 and 14-18; The step of checking if the
ascending register reaches the postage amount limit includes the step of determining if
sufficient postage is available.);

Art Unit: 3628

evidencing a requested postage amount if said (a) determining is affirmative and if said (b) determining is affirmative (Liechti: col. 2, lines 38-41; col. 7, lines 4-6); recording postage usage for the requesting user in the postage usage database (Liechti: col. 7, lines 4-6; col. 12, lines 22-24); and deducting an amount of postage used to fulfill the request for the requesting user from the available postage balance (Liechti: col. 7, lines 4-6).

Liechti does not teach separately storing information for each of a plurality of users. 36.

Bator et al teaches a metering system when the database records in Data Center 30 include one or more meter accounts licensed to the vendor where the vendor meter account(s) is (are) used by customers to obtain postage payment evidencing as shown in [0029]. Bator et al also shows that vendor obtains at least one meter license for an online meter account where the meter account is licensed to process transactions for a plurality of origin zip codes, where a customer initializes a personal account preferably by completing a request for a meter license that heretofore must be approved before customer could download postage, and the vendor "loans" the use of the meter to the customer by processing the customer's requested transaction using the vendor meter account as shown in [0032]. It therefore would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Liechti and Bator et al to disclose storing a plurality of entries, wherein each entry is associated with a user of the plurality of users.

It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to disclose storing a plurality of entries, wherein each entry is associated with a user of the plurality of users for the advantage of providing a flexible postage metering system that can process mail for a plurality of customers. Moreover, it would have been obvious to one of ordinary skill in the art to include in the postage system of Liechti the ability to store a plurality of entries, wherein each entry is associated with a user of the plurality of users as taught by Bator et al since the claimed invention is merely a combination of old elements, and in the combination each element merely would have performed the same function as it did separately, and one of ordinary skill in the art would have recognized that the results of the combination were predictable.

As per claim 30, Liechti in view of Bator et al teaches the method of claim 29 as described above. Liechti further teaches authenticating the requesting user (Liechti: col. 7, lines 34-39).

As per claim 31, Liechti in view of Bator et al teaches the method of claim 29 as described above. Liechti further teaches receiving a request to configure parameters for the requesting user (Liechti: col. 6, lines 62-67; col. 7, lines 1-9); and modifying postage usage limits in the postage usage database (Liechti: column 7, lines 4-9).

As per claim 32, Liechti in view of Bator et al teaches the method of claim 31 as described above. Liechti further teaches the usage limit is a maximum amount of postage that can be evidenced for the requesting user (Liechti: col. 7, lines 6-9).

As per claim 33, Liechti in view of Bator et al teaches the method of claim 29 as described above. Liechti further teaches receiving a request to purchase postage for the requesting user (Liechti: col. 12, lines 22-24 - The Examiner interprets storing funds on the user's account to imply receiving a request to purchase postage.); and adding a purchased postage value to the postage usage database for the requesting user (Liechti: col. 12, lines 22-24).

As per claim 34, Liechti further teaches wherein the at least one parameter comprises at least one of time and amount (Liechti: col. 5, lines 5-9).

As per claim 35, Liechti further teaches wherein the at least one parameter comprises at least two parameters (Liechti: col. 5, lines 5-9).

As per claim 36, Liechti further teaches wherein the at least one parameter comprises at least one of time and amount (Liechti: col. 5, lines 5-9).

Art Unit: 3628

As per claim 37, Liechti further teaches wherein the at least one parameter comprises at least two parameters (Liechti: col. 5, lines 5-9).

4. Claim 6 is rejected under 35 U.S.C. 103(a) as being unpatentable over Liechti et al., U.S. Patent No. 5,715,164 in view of Bator et al, (US 2005/0192912 A1), and further in view of Meadors et al., U.S. Publication No. 2004/0194154.

As per claim 6, Liechti in view of Bator et al teaches the postage evidencing meter of claim 1 as described above. Liechti further the authorization database (Liechti: Fig. 2, "220", "230", and "240"; col. 3, lines 61-66; col. 5, lines 5-9). Liechti in view of Bator et al does not teach a removable storage device.

Meadors teaches a removable storage device (Meadors: paragraph 0006). It would have been obvious to one of ordinary skill in the art at the time the invention was made to have modified the postage evidencing meter of Liechti in view of Bator et al to have included a removable storage device as taught by Meadors for the advantage of providing a postage system that is more versatile.

5. Claims 12, 15-22, and 38 are rejected under 35 U.S.C. 103(a) as being unpatentable over Liechti et al., U.S. Patent No. 5,715,164 in view of Bator et al, (US 2005/0192912 A1), and further in view of Manduley, U.S. Publication No.

Art Unit: 3628

2004/0098354.

As per claim 12, Liechti in view of Bator et al teaches the system of claim 8 as described above. Liechti in view of Bator et al does not teach the communication link is a wireless link.

Manduley teaches the communication link is a wireless link (Manduley: paragraph 0039). It would have been obvious to one of ordinary skill in the art at the time the invention was made to have modified the system of Liechti in view of Bator et al to have included the communication link is a wireless link as taught by Manduley for the advantage of providing a convenient way for postage meters to communicate with one another.

As per claim 15, Liechti teaches a system for controlling postage usage, comprising: at least two postage evidencing meters (Liechti: Fig. 1; col. 3, lines 47-49), each meter having a processor and a communication module for providing a communication link (Liechti: Fig. 2, "201" and "205"; col. 3, lines 58-62), at least one postage evidencing meter of said at least two postage evidencing meters storing at least one postage usage parameter for a user, wherein said postage usage parameters define different postage evidencing limits with respect to the user (Liechti: Figure 2, "220", "230", and "240"; col. 3, lines 61-66; col. 5, lines 5- 9 and 22-65), wherein at least one postage usage parameter for the user is exchanged via the communication link (Liechti: col. 5, lines 5-

Art Unit: 3628

9), and wherein the processor of the meter receiving said postage usage parameter controls an ability of the selected user associated with the postage usage parameter to evidence postage using the receiving meter in accordance with the received postage usage parameter (Liechti: Fig. 1, "103"; Fig. 2, "201"; col. 3, lines 46-67; col. 5, lines 5-9 and 22-65).

Liechti does not teach storing separate information for each of a plurality of users.

Bator et al teaches a metering system when the database records in Data Center 30 include one or more meter accounts licensed to the vendor where the vendor meter account(s) is (are) used by customers to obtain postage payment evidencing as shown in [0029]. Bator et al also shows that vendor obtains at least one meter license for an online meter account where the meter account is licensed to process transactions for a plurality of origin zip codes, where a customer initializes a personal account preferably by completing a request for a meter license that heretofore must be approved before customer could download postage, and the vendor "loans" the use of the meter to the customer by processing the customer's requested transaction using the vendor meter account as shown in [0032]. It therefore would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Liechti and Bator et al to disclose storing a plurality of entries, wherein each entry is associated with a user of the plurality of users.

Art Unit: 3628

It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to disclose storing a plurality of entries, wherein each entry is associated with a user of the plurality of users for the advantage of providing a flexible postage metering system that can process mail for a plurality of customers. Moreover, it would have been obvious to one of ordinary skill in the art to include in the postage system of Liechti the ability to store a plurality of entries, wherein each entry is associated with a user of the plurality of users as taught by Bator et al since the claimed invention is merely a combination of old elements, and in the combination each element merely would have performed the same function as it did separately, and one of ordinary skill in the art would have recognized that the results of the combination were predictable.

Liechti in view of Bator et al does not teach a communication link that allows for the exchange of information between at least two meters. However, Bator et al does disclose a Communication Server 32 that merges all incoming traffic from a plurality of customers and routes it to a Function Server 34, which includes application software that supports customer sign-on, postage dispensing and postal reporting as shown in [0027].

Manduley teaches a communication link that allows for the exchange of information between at least two meters (Manduley: paragraph 0039). It would have been obvious

Art Unit: 3628

to one of ordinary skill in the art at the time the invention was made to have modified the system of Liechti in view of Bator et al to have included a communication link that allows for the exchange of information between at least two meters as taught by Manduley for the advantage of effectively transmitting and updating data between meters without the need for connecting to a remote data center.

As per claim 16, Liechti in view of Bator et al and further in view of Manduley teaches the system of claim 15 as described above. Liechti further teaches the parameter includes a maximum postage amount that the selected user is allowed to use on the meter to evidence postage (Liechti: col. 5, lines 5-9 and 22-26).

As per claim 17, Liechti in view of Bator et al and further in view of Manduley teaches the system of claim 15 as described above. Liechti further teaches the parameter includes a maximum amount of postage that can be evidenced by the selected user during a selected period of time (Liechti: col. 5, lines 5-9 and 33-55).

As per claim 18, Liechti in view of Bator et al and further in view of Manduley teaches the system of claim 15 as described above. Liechti further teaches the parameters include: a maximum postage amount that the selected user is allowed to use on the meter to evidence postage (Liechti: col. 5, lines 5-9 and 22-26); and a period of time during which the selected user is allowed to use the meter to evidence postage (Liechti:

Art Unit: 3628

col. 5, lines 5-9 and 33-55).

As per claim 19, Liechti in view of Bator et al and further in view of Manduley teaches the system of claim 15 as described above. Liechti in view of Bator et al does not teach the communication link is a wireless link.

Manduley further teaches the communication link is a wireless link (Manduley: paragraph 0039).

It would have been prima facie obvious to one of ordinary skill in the art at the time the invention was made to have modified the system of Liechti in view of Bator et al and further in view of Manduley to have included the communication link is a wireless link as taught by Manduley for the advantage of providing a convenient way for postage meters to communicate with one another.

As per claim 20, Liechti in view of Bator et al and further in view of Manduley teaches the system of claim 15 as described above. Liechti further teaches the communications link is a wireline link (Liechti: col. 3, lines 50-52).

As per claim 21, Liechti in view of Bator et al and further in view of Manduley teaches the system of claim 15 as described above. Liechti further teaches using cryptographic techniques (Liechti: column 8, lines 17-29). Liechti in view of Bator et al does not teach

Art Unit: 3628

the communication link is used to transfer postage values securely between the at least two meters.

Manduley further teaches the communication link is used to transfer postage values securely between the at least two meters (Manduley: paragraphs 0030-0031). It would have been prima facie obvious to one of ordinary skill in the art at the time the invention was made to have modified the system of Liechti in view of Bator et al and further in view of Manduley to have included the communication link is used to transfer postage values securely between the at least two meters as taught by Manduley for the advantage of effectively transmitting and updating data between meters without the need for connecting to a remote data center.

As per claim 22, Liechti in view of Bator et al and further in view of Manduley teaches the system of claim 15 as described above. Liechti further teaches the exchange of postage usage parameters (Liechti: column 5, lines 5-9). Liechti in view of Bator et al does not teach an exchange between two meters is bi-directional.

Manduley further teaches an exchange between two meters is bi-directional (Manduley: paragraphs 0034-0037 - The Examiner notes, one meter can send funds to another meter and vice versa.). It would have been prima facie obvious to one of ordinary skill in the art at the time the invention was made to have modified the system of Liechti in view of Bator et al and further in view of Manduley to have included an exchange

Art Unit: 3628

between two meters is bi-directional as taught by Manduley for the advantage of effectively transmitting and updating data between meters without the need for connecting to a remote data center.

As per claim 38, Liechti further teaches wherein the at least one parameter comprises at least two parameters (Liechti: col. 5, lines 5-9).

Response to Arguments

6. Applicant's arguments with respect to claims 1-13, 15-22 and 29-38 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Akiba K Robinson-Boyce whose telephone number is 571-272-6734. The examiner can normally be reached on Monday-Friday 9am-5:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Hayes can be reached on 571-272-6708. The fax phone number for

Art Unit: 3628

the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the

- Patent Application Information Retrieval (PAIR) system, Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

A. R. B.
July 9, 2009

/Akiba K Robinson-Boyce/
Primary Examiner, Art Unit 3628